



Forged Steel Flange Ends Gate Valves

Class 150/300/600

Construction Features

Bolted bonnet

OS&Y

Flanged ends and butt-welding ends

Rising stem

Rolled-in seat ring

Standards

Flanged ends:ASME B16.5

Butt-welding ends:ASME B16.25

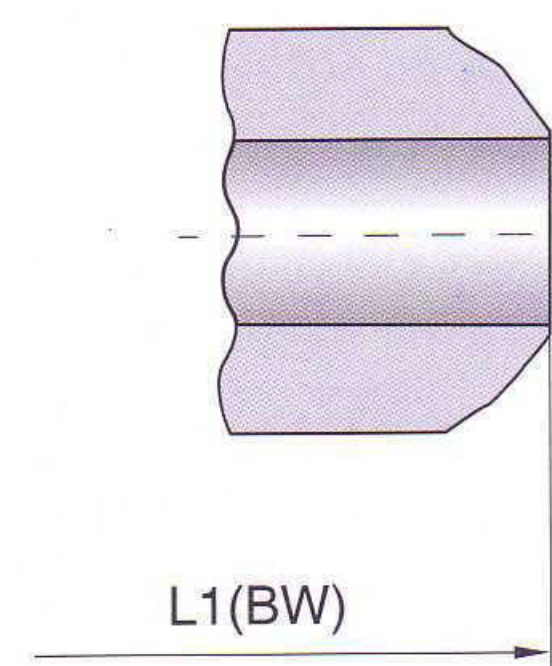
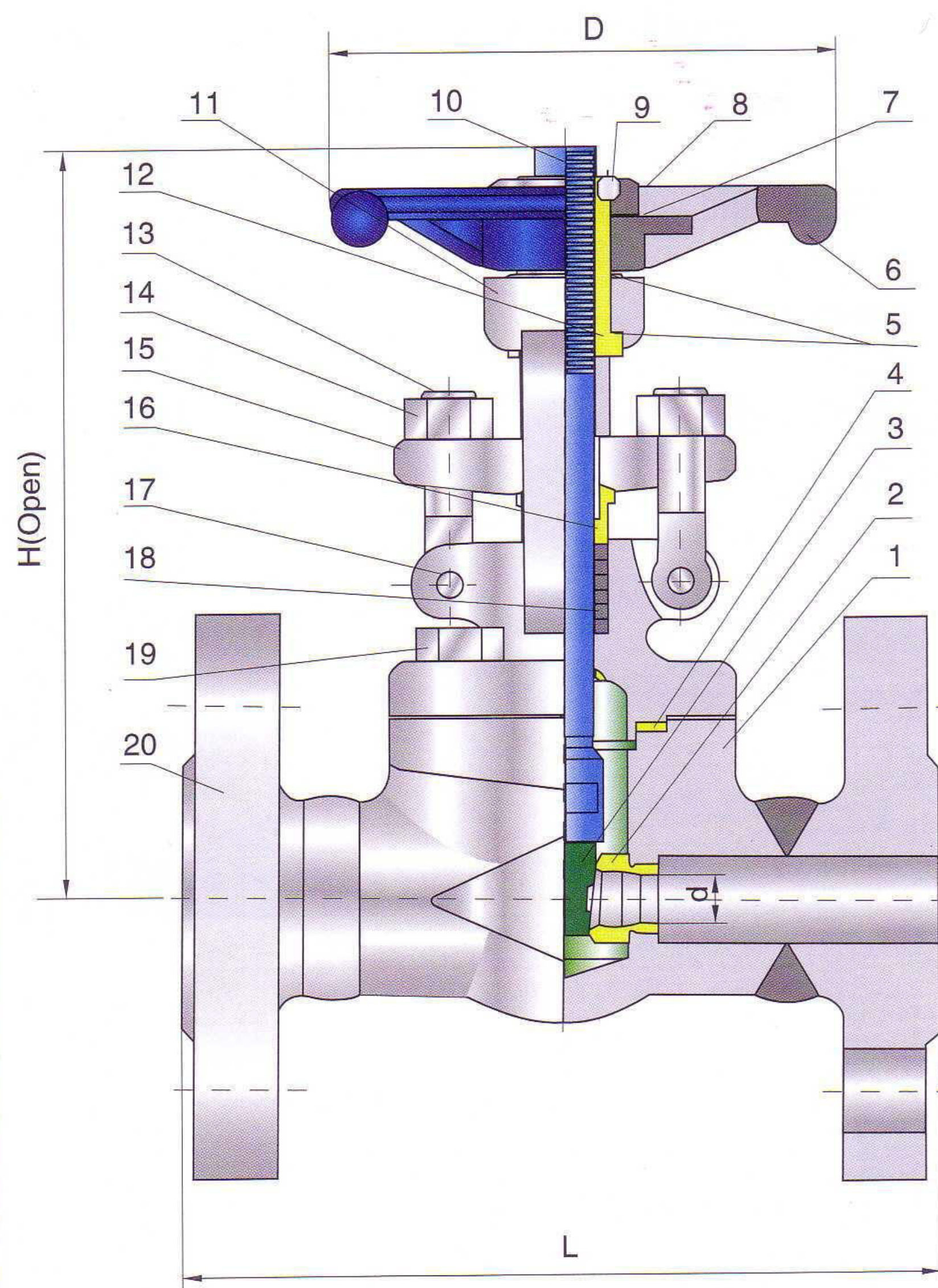
Face to face:ASME B16.10

Basic design: API 602、BS 5352

Inspection and test: API 598

Parts List

NO.	PART	MATERIALS
1	Body	ASTM A105N
2	Seat Ring	A276 410/Stellite Overly
3	Wedge	ASTM A276 420
4	Gasket	304SS Spiral Wound W/Graphite
5	Washer	ASTM A276 420
6	Hand Wheel	Malleable Iron
7	Nameplate	Aluminum
8	H.W.Lock Nut	ASTM A108 1020
9	Bolt	ASTM A108 1020
10	Stem	ASTM A182 F6a
11	Bonnet	ASTM A105N
12	Stem Nut	Aluminum Bronze
13	Eyebolt Nut	ASTM A194 Gr.2H
14	Eyebolt	ASTM A276 410
15	Gland Flange	ASTM A105N
16	Gland	ASTM A276 410
17	Eye Pin	ASTM A276 410
18	Packing	Graphite
19	Bolt	ASTM A193 Gr.B7
20	Flanged	ASTM A105N



- Body material available in F304、F316、F304L、F316L、F11、F22、F5
- Full Port valve available

Dimensions & Weights

Size(in.)	Dim.(mm)							Wt.(kg)		
	d	L & L1			H		D	(RF)		
		150LB	300LB	600LB	150LB/300LB	600LB		150LB	300LB	600LB
1/2	9.5	108	140	165	158	169	100	4.5	4.8	5.9
3/4	12.7	117	152	190	169	197	100	5.2	6.2	7.4
1	17.5	127	165	216	197	236	125	8.5	9.3	10.4
1 1/4	23.8	140	178	229	236	246	160	11.5	14	16.2
1 1/2	28.6	165	190	241	246	283	160	12.5	15.5	17.5
2	36.5	178	216	292	283	320	180	20.3	23.4	28.3